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American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

Vol: 74 No: 50 For Week Ending: December 10, 1993

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 12/10/93	Last Week Ending: 12/03/93	Last Year Week Ending: 12/11/92	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	13,987	14,100	13,376	-113	611
Operable Capacity	15,145	15,145	15,459	0	-314
Percent Operated	92.4	93.1	86.5		
MOTOR GASOLINE					
Total Motor Gasoline Production	7,623	7,832	7,347	-209	276
Total Motor Gasoline Stocks	223,354	222,564*	212,569	790	10,785
Total Finished Gasoline Stocks	182,133	182,325*	174,940	-192	7,193
Blending Components Stocks	41,221	40,239	37,629	982	3,592
JET KEROSINE					
Total Jet Kerosine Production	1,377	1,344	1,313	33	64
Total Jet Kerosine Stocks	38,532	38,600	42,086	-68	-3,554
DISTILLATE FUEL OIL					
Total Distillate Production	3,488	3,558	3,102	-70	386
Total Distillate Stocks	144,808	145,666	140,447	-858	4,361
RESIDUAL FUEL OIL					
Total Residual Fuel Production	924	890	818	34	106
Total Residual Fuel Stocks	46,139	45,434	46,706	705	-567
IMPORTS					
Crude Oil Imports	7,111	7,992	6,964	-881	147
Product Imports	1,937	1,988	1,448	-51	489
CRUDE OIL STOCKS	345,395	339,336*	329,422	6,059	15,973
CRUDE SUPPLY BALANCE	503				

See Definitional Notes on Page 6.

*See revisions, Page 8.

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U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,479	1,316	1,329	1,442	92.2
Appal. No. 1	88	87	88	109	80.7
PADD 1 TOTAL	1,567	1,403	1,417	1,551	91.4
Week Ago	1,604	1,387	1,391	1,551	89.7
Year Ago	1,568	1,284	1,284	1,544	83.2
IN, IL, KY	2,299	2,114	2,194	2,327	94.3
MN, WI, ND, SD	365	357	359	368	97.6
OK, KS, MO	693	674	688	726	94.8
PADD 2 TOTAL	3,357	3,145	3,241	3,421	94.7
Week Ago	3,357	3,220	3,308	3,421	96.7
Year Ago	3,199	2,961	3,003	3,356	89.5
Inland TX	548	478	478	530	90.2
TX Gulf Coast	3,207	2,834	2,921	3,231	90.4
LA Gulf Coast	2,727	2,518	2,559	2,646	96.7
N. LA and AR	214	199	199	256	77.7
NM	95	89	89	95	93.7
PADD 3 TOTAL	6,791	6,118	6,246	6,758	92.4
Week Ago	7,061	6,166	6,299	6,758	93.2
Year Ago	6,819	6,066	6,088	7,138	85.3
PADD 4 TOTAL	477	446	450	519	86.7
Week Ago	495	462	466	519	89.8
Year Ago	452	434	446	514	86.8
PADD 5 TOTAL	2,752	2,581	2,633	2,896	90.9
Week Ago	2,776	2,611	2,636	2,896	91.0
Year Ago	2,613	2,413	2,555	2,907	87.9
U.S. TOTAL	14,944	13,693	13,987	15,145	92.4
Week Ago	15,293	13,846	14,100	15,145	93.1
Year Ago	14,651	13,158	13,376	15,459	86.5

See Definitional Notes on Page 6.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	851	331	—	520	11	85	78	7	458	123	335	118
Appal. No. 1	43	—	—	43	—	—	—	—	27	13	14	3
PADD 1 TOTAL	894	331	—	563	11	85	78	7	485	136	349	121
Week Ago	930	342	—	588	12	89	81	8	491	257	234	125
Year Ago	851	*na*	*na*	*na*	5	93	*na*	*na*	349	*na*	*na*	91
IN, IL, KY	1,337	530	—	807	8	153	151	2	540	324	216	81
MN, WI, ND, SD	207	18	—	189	2	13	13	—	103	14	89	9
OK, KS, MO	319	124	—	195	5	32	32	—	208	88	120	6
PADD 2 TOTAL	1,863	672	—	1,191	15	198	196	2	851	426	425	96
Week Ago	1,829	641	—	1,188	17	178	176	2	893	490	403	102
Year Ago	1,694	*na*	*na*	*na*	8	206	*na*	*na*	765	*na*	*na*	89
Inland TX	314	29	—	285	7	38	25	13	147	131	16	7
TX Gulf Coast	1,495	284	—	1,211	15	292	258	34	709	439	270	232
LA Gulf Coast	1,385	113	—	1,272	8	337	324	13	630	242	388	156
N. LA and AR	71	—	—	71	6	6	6	—	62	21	41	11
NM	63	7	—	56	1	8	—	8	37	37	—	1
PADD 3 TOTAL	3,328	433	—	2,895	37	681	613	68	1,585	870	715	407
Week Ago	3,572	442	—	3,130	32	636	585	51	1,624	970	654	393
Year Ago	3,284	*na*	*na*	*na*	88	646	*na*	*na*	1,422	*na*	*na*	323
PADD 4 TOTAL	221	12	—	209	9	24	24	—	119	72	47	11
Week Ago	227	11	—	216	9	23	23	—	134	86	48	10
Year Ago	291	*na*	*na*	*na*	15	42	*na*	*na*	126	*na*	*na*	29
PADD 5 TOTAL	1,317	558	—	759	1	389	334	55	448	245	203	289
Week Ago	1,274	584	—	690	—	418	353	65	416	223	193	260
Year Ago	1,227	*na*	*na*	*na*	31	326	*na*	*na*	440	*na*	*na*	286
U.S. TOTAL	7,623	2,006	—	5,617	73	1,377	1,245	132	3,488	1,749	1,739	924
Week Ago	7,832	2,020	—	5,812	70	1,344	1,218	126	3,558	2,026	1,532	890
Year Ago	7,347	*na*	*na*	*na*	147	1,313	*na*	*na*	3,102	*na*	*na*	818

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

Vol: 74 No: 50 For Week Ending: December 10, 1993

DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Total	Finished Motor Gasoline				Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
		Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished								
New England	5,991	5,974	787	—	5,187	17	83	543	13,467	2,849	10,618	1,130	—
Central Atlantic	31,827	26,525	8,860	—	17,665	5,302	114	4,852	38,847	8,779	30,068	14,351	10,157
Lower Atlantic	25,924	25,726	4,221	—	21,505	198	225	4,425	14,067	7,118	6,949	3,069	534
PADD 1 TOTAL	63,742	58,225	13,868	—	44,357	5,517	422	9,820	66,381	18,746	47,635	18,550	10,691
Week Ago	63,027	57,685	14,897	—	42,788	5,342	376	9,023	68,825	20,247	48,578	17,837	9,786
Year Ago	61,163	55,554	*na*	*na*	*na*	5,609	284	11,667	65,408	*na*	*na*	19,443	11,467
PADD 2 TOTAL	57,164	49,274	744	—	48,530	7,890	823	6,984	34,324	21,248	13,076	3,281	15,308
Week Ago	57,133*	49,136*	816	—	48,320*	7,997	758	6,695	32,767	20,352	12,415	3,423	16,189
Year Ago	57,006	48,563	*na*	*na*	*na*	8,443	977	8,935	30,184	*na*	*na*	2,488	14,289
PADD 3 TOTAL	64,925	47,719	4,925	—	42,794	17,206	1,169	13,203	29,216	14,644	14,572	16,108	45,486
Week Ago	64,653*	47,808*	5,001	—	42,807*	16,845	1,238	14,481	29,253	14,400	14,853	16,107	45,868
Year Ago	58,609	43,958	*na*	*na*	*na*	14,651	2,024	14,759	31,995	*na*	*na*	16,218	50,812
PADD 4 TOTAL	6,201	4,271	449	—	3,822	1,930	222	465	3,152	2,026	1,126	431	2,624
Week Ago	6,281	4,662	583	—	4,079	1,619	246	441	2,894	1,792	1,102	417	2,525
Year Ago	5,899	4,512	*na*	*na*	*na*	1,387	272	494	2,655	*na*	*na*	404	2,340
PADD 5 TOTAL	31,322	22,644	8,062	—	14,582	8,678	337	8,060	11,735	6,980	4,755	7,769	20,667
Week Ago	31,470*	23,034*	8,830	—	14,204*	8,436	275	7,960	11,927	7,063	4,864	7,650	20,850
Year Ago	29,892	22,353	*na*	*na*	*na*	7,539	1,231	6,231	10,205	*na*	*na*	8,153	22,278
U.S. TOTAL	223,354	182,133	28,048	—	154,085	41,221	2,973	38,532	144,808	63,644	81,164	46,139	94,776
Week Ago	222,564*	182,325*	30,127	—	152,198*	40,239	2,893	38,600	145,666	63,854	81,812	45,434	95,218
Year Ago	212,569	174,940	*na*	*na*	*na*	37,629	4,798	42,086	140,447	*na*	*na*	46,706	101,186

See Definitional Notes on Page 6.

*See revisions, Page 8.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)
(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: December 10, 1993	4,312.0	6,938	633
Week Ended: December 3, 1993	4,300.0	7,923	940
Week Ended: November 26, 1993	4,300.0	6,221	644
Week Ended: December 11, 1992	4,352.0	6,716	789
DOE latest (07/93):	4,288.0		
PADD 5			
Week Ended: December 10, 1993	2,639.0	173	96
Week Ended: December 3, 1993	2,616.0	69	10
Week Ended: November 26, 1993	2,616.0	240	101
Week Ended: December 11, 1992	2,668.0	248	50
DOE latest (07/93):	2,391.0		
TOTAL U.S.			
Week Ended: December 10, 1993	6,951.0	7,111	729
Week Ended: December 3, 1993	6,916.0	7,992	950
Week Ended: November 26, 1993	6,916.0	6,461	745
Week Ended: December 11, 1992	7,020.0	6,964	839
DOE monthly - year ago	7,103.0		
DOE latest (07/93):	6,679.0		

CRUDE OIL STOCKS BY LOCATION
(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5 TOTAL	PADD 5 ALASKAN IN TRANSIT BY WATER	TOTAL
Current Week	14,980	76,097	171,967	10,825	71,526	16,920	345,395
Week Ago	14,218*	75,023	170,035	10,496	69,564	16,553	339,336*
Year Ago	13,200	70,082	163,697	10,955	71,488	15,235	329,422

Daily Average Crude Oil Supply Balance (In Thousands of 42-gallon barrels)	
Current Week:	503
1992 Average:	282
1992 Positive Average:	511
1992 Negative Average:	-479

See Definitional Notes on Page 6.

*See revisions, Page 8.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

Vol: 74 No: 50

For Week Ending: December 10, 1993

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	84	—	—	84	—	—	11	118	6	112	124	50	—	—	387
Central Atlantic	40	—	—	40	—	—	43	35	—	35	185	4	132	34	473
Lower Atlantic	101	—	—	101	—	—	13	7	7	—	129	—	—	4	254
PADD 1 TOTAL	225	—	—	225	—	—	67	160	13	147	438	54	132	38	1,114
week ago	198	—	—	198	19	26	98	187	101	86	334	12	257	2	1,133
4 Week averages															
avg - current 4 weeks	177	—	—	177	20	7	72	169	58	111	302	22	133	35	937
avg - year ago 4 weeks	231	*na*	*na*	*na*	44	3	94	212	*na*	*na*	369	20	153	50	1,176
PADDs 2-4 TOTAL	5	—	—	5	—	—	2	14	14	—	58	122	391	185	777
week ago	3	—	—	3	—	—	2	17	17	—	8	144	362	211	747
4 Week averages															
avg - current 4 weeks	3	—	—	3	2	—	2	10	9	1	19	147	419	157	759
avg - year ago 4 weeks	3	*na*	*na*	*na*	10	4	8	10	*na*	*na*	53	117	207	147	559
PADD 5 TOTAL	5	—	—	5	—	—	5	4	—	4	10	6	5	11	46
week ago	3	—	—	3	—	—	5	5	—	5	7	5	34	49	108
4 Week averages															
avg - current 4 weeks	7	—	—	7	—	—	13	4	—	4	21	5	13	18	81
avg - year ago 4 weeks	5	*na*	*na*	*na*	4	—	3	3	*na*	*na*	19	7	42	7	90
U.S. TOTAL	235	—	—	235	—	—	74	178	27	151	506	182	528	234	1,937
week ago	204	—	—	204	19	26	105	209	118	91	349	161	653	262	1,988
4 Week averages															
avg - current 4 weeks	186	—	—	186	21	7	86	184	67	117	342	175	564	210	1,775
avg - year ago 4 weeks	239	*na*	*na*	*na*	57	7	105	225	*na*	*na*	441	143	403	204	1,824

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE
(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	NOVEMBER 1993	OCTOBER 1993 /r	JULY 1993
Florida	15.0	15.0	15.0
New York-Pennsylvania	6.0	5.0	6.0
Virginia	0.0	0.0	0.0
West Virginia	5.0	5.0	5.0
Illinois	53.0	53.0	53.0
Indiana	6.0	6.0	8.0
Kansas	136.0	135.0	158.0
Kentucky	9.0	10.0	9.0
Michigan	36.0	35.0	39.0
Missouri-Tennessee	1.0	1.0	1.0
Nebraska	14.0	13.0	14.0
Ohio	22.0	21.0	23.0
Oklahoma	268.0	272.0	266.0
North Dakota	85.0	85.0	85.0
South Dakota	4.0	4.0	4.0
Alabama	52.0	52.0	50.0
Arkansas	26.0	25.0	27.0
Mississippi	58.0	58.0	60.0
New Mexico-So. East	172.0	174.0	173.0
New Mexico-Other	12.0	14.0	11.0
North Louisiana	60.0	60.0	60.0
South Louisiana	1,087.0	1,090.0	1,086.0
Total Louisiana	1,147.0	1,150.0	1,146.0
Texas			
District 1	60.0	63.0	52.0
District 2	32.0	34.0	32.0
District 3	218.0	220.0	218.0
District 4	63.0	65.0	60.0
District 5	25.0	25.0	24.0
District 6, East Texas	86.0	85.0	94.0
Other	81.0	80.0	73.0
District 7-B	69.0	69.0	64.0
District 7-C	76.0	76.0	80.0
District 8 and 8-A	940.0	944.0	920.0
District 9	70.0	70.0	69.0
District 10	37.0	37.0	36.0
Total Texas	1,757.0	1,768.0	1,722.0
Colorado	77.0	76.0	78.0
Montana	47.0	48.0	46.0
Utah	56.0	57.0	51.0
Wyoming	236.0	235.0	238.0
Total Districts 1-4	4,300.0	4,317.0	4,288.0
Alaska	1,666.0	1,619.0	1,442.0
Arizona	0.0	0.0	0.0
California	945.0	948.0	944.0
Nevada	5.0	5.0	5.0
Total District 5	2,616.0	2,572.0	2,391.0
TOTAL U.S.	6,916.0	6,889.0 /r	6,679.0

/r Revised: Data currently displayed are based on reported volumes from 40 producing companies. These volumes are estimated to represent 50.8% of lower 48 states production. When combined with reported Alaskan data, the sample represents 62.3% of total U.S. production in October.

API Weekly Statistical Bulletin
Week Ended: December 10, 1993

Revisions

12/03/93	PAGE 3	MOTOR GAS. (OTHER)	PADD 2 TOTAL	48,320
			PADD 3 TOTAL	42,807
			PADD 5 TOTAL	14,204
			U.S. TOTAL	152,198
		TOTAL FINISHED MOTOR GASOLINE	PADD 2 TOTAL	49,136
			PADD 3 TOTAL	47,808
			PADD 5 TOTAL	23,034
			U.S. TOTAL	182,325
		TOTAL MOTOR GASOLINE	PADD 2 TOTAL	57,133
			PADD 3 TOTAL	64,653
			PADD 5 TOTAL	31,470
			U.S. TOTAL	222,564
	PAGE 4	PRODUCTION API MONTHLY DOM. PRODUC	PADD 1 TOTAL	4300.0
			PADD 5 TOTAL	2616.0
			U.S. TOTAL	6916.0
		STOCKS CRUDE OIL	PADD 1 TOTAL	14,218
			U.S. TOTAL	339,336